

WHAT IS CLAIMED IS:

1. A temperature-sensor fixing holder for detachably fixing the temperature sensor to a fixed body comprising:

5           a resilient holder body;

              a first link portion formed into the holder body to be engaged with an engagement portion of the temperature sensor; and

              a second link portion formed into the holder body to be engaged with an engagement portion of the fixed body,

10           wherein the holder body resiliently deforms when the first link portion is engaged with the engagement portion of the temperature sensor and the second link portion is also engaged with the engagement portion of the fixed body.

2. The temperature-sensor fixing holder according to claim 1, wherein the  
15           holder body has

              a connecting body formed in the shape of a band and

              a couple of link bodies formed in the shape of a band and connected integrally to both ends of the connecting body,

20           wherein each of the link bodies having the first link portion and the second link portion.

3. The temperature-sensor fixing holder according to claim 2, wherein the holder body is substantially U-shaped in a cross section.

25           4. The temperature-sensor fixing holder according to claim 3, wherein the first link portion is disposed in a first end portion of the link body and the second link

portion is disposed in a second end portion of the link body.

5. The temperature-sensor fixing holder according to claim 4, wherein there is a straight line relationship between the connecting body and the first link portion.

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6. The temperature-sensor according to claim 5, wherein the connecting body is curved to surround the temperature sensor when the first link portion is engaged with the engagement portion of the temperature sensor.

10        7. The temperature-sensor fixing holder according to claim 6, wherein lead wires of the temperature sensor are held between the connecting body and the temperature sensor.

15        8. The temperature-sensor fixing holder according to claim 6, wherein the first link portion is a perforated portion in the shape of a rectangle.

20        9. The temperature-sensor fixing holder according to claim 6, wherein the engagement portion of the temperature sensor is a couple of hook portions, which are disposed on one sides of the temperature sensor and protrude from the temperature sensor.

10. The temperature-sensor fixing holder according to claim 6, wherein a central portion of the link body is bent toward the fixed body when the second link portion is engaged with the engagement portion of the fixed body.

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11. The temperature-sensor fixing holder according to claim 10, wherein the

second link portion is a notched portion formed by removing partly both sides of the second end portion to form rectangle grooves.

12. The temperature-sensor fixing holder according to claim 10, wherein the engagement portion of the fixed body is a recess portion formed on the top end of a protrusion disposed on the fixed body and protruding from the fixed body.  
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